

AGENDA

USGS-NPS Servicewide Benthic Habitat Mapping Program Workshop June 3-5, 2008 DOI University Lakewood, Colorado

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Workshop Objectives:

1. Initiation of a USGS-NPS servicewide benthic habitat mapping program and pilot activities.
2. Development of recommendations for a classification scheme and technical decision matrix.

Moderator: Elisabeth Brouwers (Bureau Approving Official, Central Region Geology, USGS)

Tuesday, June 3, 2008

Introductions

8:00	Coffee and muffins	
8:30	Chris Moses	<i>Welcome, introductions, and workshop goals</i>
<i>Session 1: NPS Benthic Habitat Mapping Status and Needs</i>		
8:40	George Dickison	<i>Who are we doing all this for, really?</i>
8:50	Bill Jackson	<i>Scope of NPS benthic habitat resources</i>
9:00	Julia Brunner	<i>NPS ocean and coastal mapping efforts – overview and direction</i>
9:20	Charles Roman & Courtney Schupp	<i>Benthic marine habitat mapping in the Northeast Region: Accomplishments, future needs, and management applications</i>
9:40	Larry West	<i>Southeastern Region benthic mapping status/needs</i>
10:00	Coffee Break	
10:10	Ulf Gafvert	<i>Midwest Region benthic mapping status/needs</i>

10:30	Penny Latham	<i>PWR: Preliminary Status of Benthic Habitat Mapping and Benthic Habitat Classification</i>
10:50	Scott Gende	<i>Alaska Region benthic mapping status/needs</i>
11:10	Discussion	

12:30	Lunch
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Session 2: Prior and Existing NPS Mapping Programs

1:40	Roger Johnson	<i>Enterprise mapping and data management within the National Park Service</i>
2:00	Karl Brown	<i>NPS vegetation mapping – Suggestions to be applied to benthic habitat mapping</i>
2:30	Bruce Heise	<i>In over our heads - A terrestrial geologist's observations on coastal and marine mapping</i>
2:50	Larry Murphy	<i>Mapping submerged cultural resources in the NPS – Integration into the benthic habitat mapping program</i>

3:10	Coffee Break
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Session 3: Benthic Habitat Mapping Capabilities

3:20	Amar Nayegandhi	<i>Status of USGS LIDAR projects in NPS areas</i>
3:40	Walter Barnhardt	<i>USGS seafloor-mapping activities in the Northeast Region (NY, MA)</i>
4:00	Guy Cochrane	<i>Mapping seafloor substrate for benthic habitat studies in temperate waters</i>
4:20	Chris Moses	<i>Multispectral satellite and aerial imagery in NPS areas</i>
4:50	Dave Zawada	<i>Along-Track Reef Imaging System (ATRIS): Not just for reefs</i>
5:10	Discussion	
5:30	Adjourn Day 1	

Wednesday, June 4, 2008

7:45	Coffee and muffins
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Session 4: USGS & NOAA Mapping Programs, Classification Schemes, and Geospatial Data Networks

8:00	Christine Taylor	<i>Status of seafloor mapping and classification within the National Marine Sanctuaries</i>
8:20	Tim Battista	<i>NOAA's mapping approach for tropical marine environments</i>
8:40	Becky Allee	<i>Developing a national standard for classification of coastal and marine habitats</i>
9:10	Gary Greene	<i>A classification scheme for deep seafloor habitats</i>
9:30	Sue McLean	<i>Collect once, use often - Mining the nation's marine archives to support habitat characterization</i>
9:50	Robert Pierce	<i>Geospatial One Stop – What's in it for the NPS?</i>

10:10	Coffee Break
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10:20	TBA	<i>Discussion of classification schemes: Advantages and disadvantages</i>
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11:00	Lunch and Field Trip (TBA)
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Session 5: Break-outs

1:30	Chris Moses	<i>Session objectives and charge</i>
1:40	Small group	<i><u>Break-out Task 1</u> – Recommendation for classification schemes in tropical regions</i>
	Small group	<i><u>Break-out Task 2</u> – Recommendation for classification schemes in temperate regions</i>
	Small group	<i><u>Break-out Task 3</u> – Recommendation for classification schemes in high latitude regions</i>
	Small group	<i><u>Break-out Task 4</u> – Recommendation for classification schemes in lakes and rivers</i>

- 4:50** Wrap-up
- 5:00** Adjourn Day 2

Thursday, June 5, 2008

Session 6: Moving Forward – Recommendations for Classification Schemes

8:00	Coffee and muffins	
8:30	Chris Moses	<i>Session objectives and charge</i>
8:40	Karl Brown	<i>Administrative needs for a servicewide program</i>
9:00	Group Leaders	<i>Break-out reports</i>
10:15	Coffee Break	
10:30	Group Leaders	<i>Break-out reports (cont'd)</i>
11:30	Discussion and wrap-up	
12:30	Meeting adjourned	